

The Science of Biology

Sr	Questions	Answers Choice
1	Which of the following statements best distinguishes hypotheses from theories in science?	<p>A. Theories are hypotheses that have been proven true</p> <p>B. Theories are based on limited data while hypotheses are based on wide range of data</p> <p>C. Theories are uncertain while hypotheses are certain</p> <p>D. Theories are educated guess while hypotheses are widely accepted explanation of natural phenomenon</p>
2	Information that is gathered as a result of an experiment is called.	<p>A. Data</p> <p>B. Observation</p> <p>C. Theory</p> <p>D. Hypothesis</p>
3	Which of the following best describes the logic of the scientific process.	<p>A. If I generate a testable hypothesis tests and observations will support it</p> <p>B. If my observation are accurate they will support my hypothesis</p> <p>C. If my hypothesis is correct, I can expect certain test result</p> <p>D. If my prediction is correct it will lead to a testable hypothesis.</p>
4	The branch deals with the study of form and structure of living organisms is called	<p>A. Morphology</p> <p>B. Genetics</p> <p>C. Physiology</p> <p>D. Cell biology</p>
5	Which branch of Biology involves the study of the classification of organisms.	<p>A. Biogeography</p> <p>B. Taxonomy</p> <p>C. Physiology</p> <p>D. Palaeontology</p>
6	Mr. Nauman was busy in dissecting and analyzing the heart of frog. Probably he is a.	<p>A. Cell biologist</p> <p>B. Histologist</p> <p>C. Taxonomist</p> <p>D. Palaeontologist</p>
7	"We made every living thing from water". This is a verse from the Holy Quran?	<p>A. Al -Rehman</p> <p>B. Al-ambia</p> <p>C. Al -Noor</p> <p>D. Al-Mominoon</p>
8	Microbiology is the study of	<p>A. Fungi</p> <p>B. Animals</p> <p>C. Microorganisms</p> <p>D. Plants</p>
9	You are doing a control experiment which	<p>A. Proceeds slowly enough that a scientist can record the results</p> <p>B. May include experimental groups and control groups tested in parallel</p> <p>C. Is repeated many times to make sure the results are accurate</p> <p>D. Proceed slowly enough that a scientist can test predictions</p>
10	Which branch of Biology focuses on the study of the structure and function of cells?	<p>A. Ecology</p> <p>B. Cytology</p> <p>C. Microbiology</p> <p>D. Histology</p>
11	The new emerging careers of biology include.	<p>A. Genetics</p> <p>B. Bioinformatics and biomedical engineering</p> <p>C. Biotechnology</p> <p>D. All of above</p>
12	How many people get lung cancer by smoking? This question can be answered through.	<p>A. Biometry</p> <p>B. Biophysics</p> <p>C. Bio-economics</p> <p>D. Biogeography</p>

13	Which step comes between making hypothesis and doing experiments?	A. Making observation B. Making Deductions C. Summaring results D. Analysing Data
14	The study of plants is called	A. Botany B. Biology C. Zoology D. Microbiology
15	Insuling made through bacteria is an example of the technique of	A. Parasitology B. Biotechnology C. Histology D. Biochemistry
16	What is the role of horticulturist.	A. Performign surggeries B. Developign medicines C. Plant breeding and cultivation D. Disease diagnosis
17	The study of occurrence and distribution of differente species of living organism in different geographical regions of the world is called.	A. Biogeography B. Histology C. Microbiology D. Parastitology
18	The branch deals with the study of the interrelationship of organism and their environment is called.	A. Environmental Biology B. Biotehnology C. Molecular biology D. Entomology
19	The study of how living things interact with each other and their environment is known as.	A. Ecology B. Physiology C. Anatomy D. Genetics
20	Histology is the microscopic study of	A. Cells B. Fossils C. Tissues D. Plants